User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 12:32:02

Sample: AE06590
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 12:31 Ended: 4/18/2002 12:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		116	5.0

Comments for Sample AE06590 - Analysis $GCMS

Vestchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 12:32:13

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6590.D Vial: 14
Acq On : 15 Apr 2002 8:45 pm Operator: Bohlk
Sample : SAMPLE 6590 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 18:02:43 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	437268	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1977113	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1126269	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1582740	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1318335	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	845318	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	0.00	244	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD (SURR)	27.27	235	136411	11.57	ug/L	0.00
Spiked Amount 10.000			Recovery = 115.70%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	0.00	146	0	N.D.		
5) 1,4 - Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2 - Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2 ' - oxybis (1-Chloropr	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
32) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		
35) Anthracene	0.00	178	0	N.D.		
36) Di-n-butylphthalate	0.00	149	0	N.D.		
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo (a) antracene	0.00	228	0	N.D.		
43) Bis (2-ethylhexyl) phthala	30.77	149	6812	0.21	ug/L	84
44) Chrysene	0.00	228	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041502\6590.D Vial: 14
Acq On : 15 Apr 2002 8:45 pm Operator: Bohlk
Sample : SAMPLE 6590 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 18:02:43 2002 Quant Results File: 5080402BBC.RES

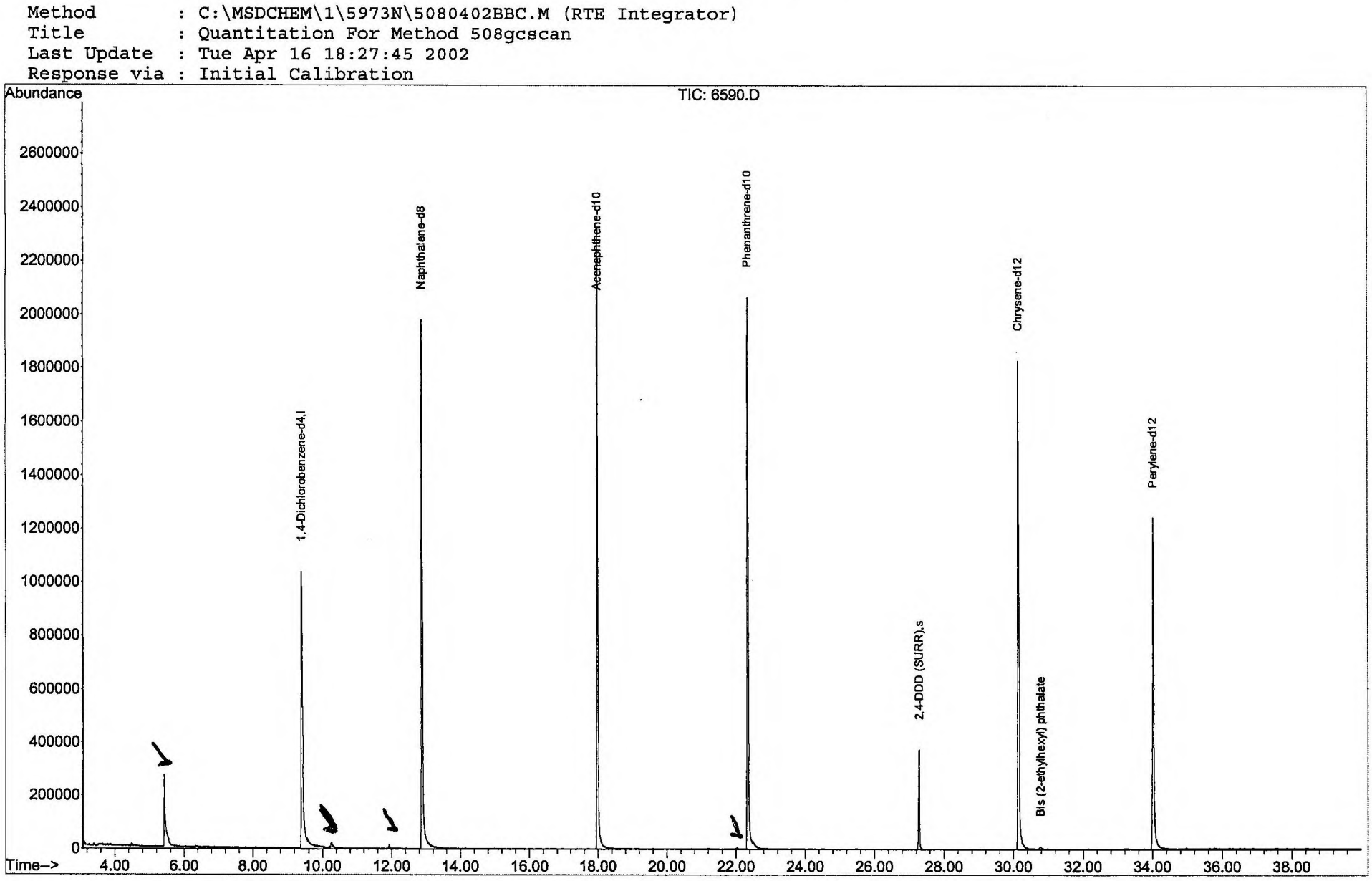
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo (b) fluoranthene	0.00	252	0	N.D.	
48) Benzo (k) fluoranthene	0.00	252	0	N.D.	
49) Benzo (a) pyrene	0.00	252	0	N.D.	d
50) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
51) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
52) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
6590.D 5080402BBC.M Wed Apr 17 18:03:57 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041502\6590.D Vial: 14
Acq On : 15 Apr 2002 8:45 pm Operator: Bohlk
Sample : SAMPLE 6590 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 17 18:03 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041502\6590.D Vial: 14
Acq On : 15 Apr 2002 8:45 pm Operator: Bohlk
Sample : SAMPLE 6590 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

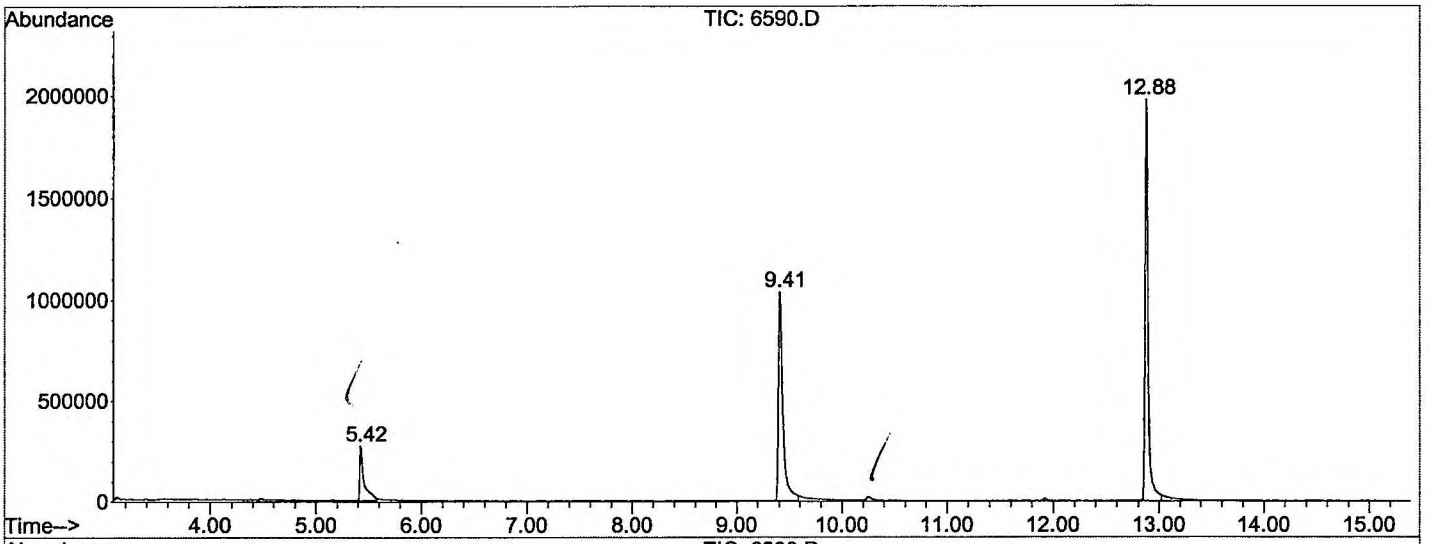
Signal : TIC

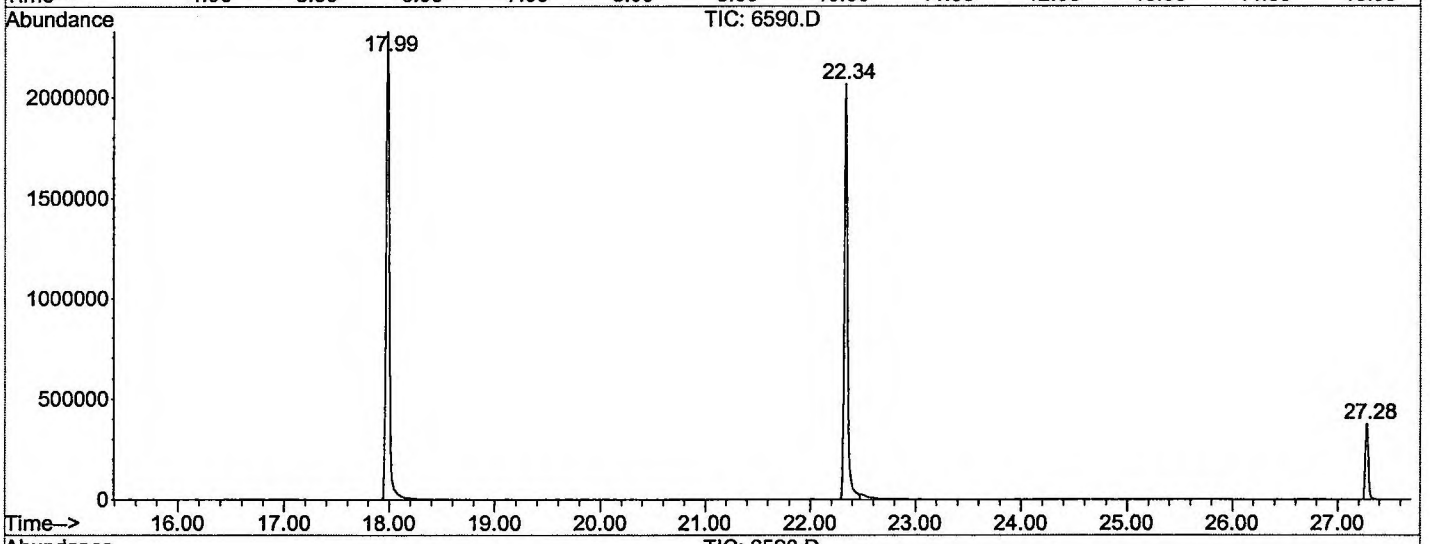
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.423	395	399	426	rBV	270096	765057	16.07%	3.018%
2	9.407	1071	1077	1107	rBV	1036370	2952769	62.04%	11.648%
3	12.879	1661	1668	1692	rBV	1978114	4268113	89.67%	16.836%
4	17.985	2529	2537	2565	rBV2	2323494	4759691	100.00%	18.775%
5	22.339	3269	3278	3300	rBV2	2062954	4584962	96.33%	18.086%
6	27.280	4111	4119	4132	rBV	372601	736884	15.48%	2.907%
7	30.142	4597	4606	4628	rBV2	1826028	4216189	88.58%	16.631%
8	34.014	5255	5265	5281	rBV2	1243514	3066991	64.44%	12.098%

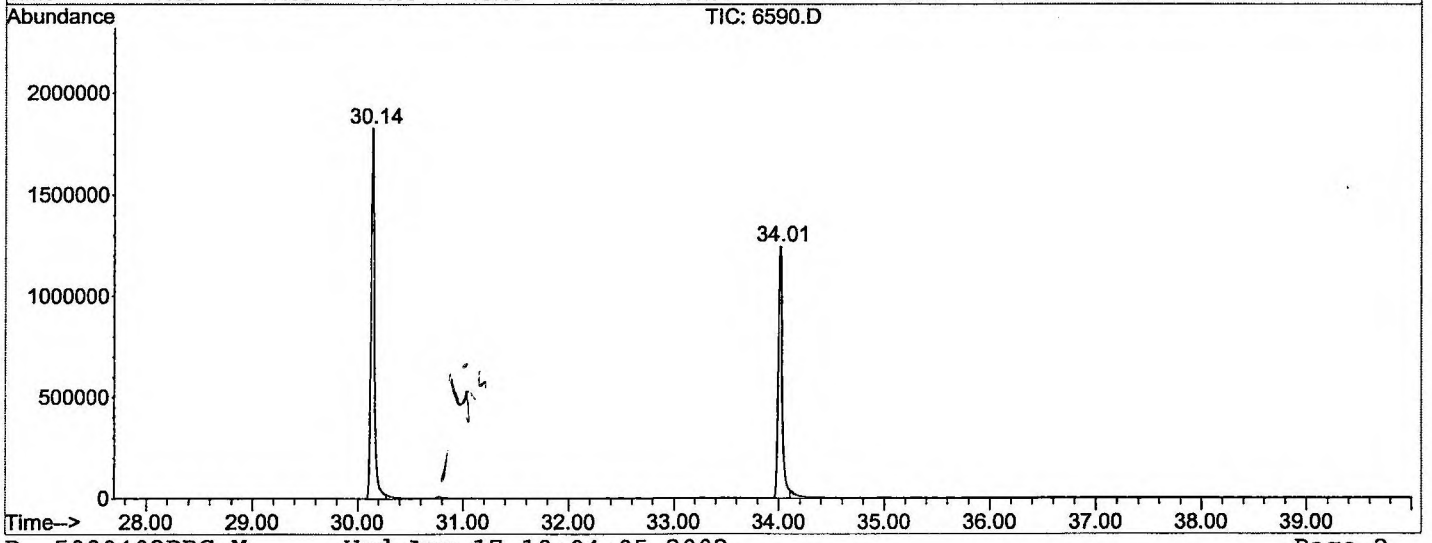
Sum of corrected areas: 25350656

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041502\6590.D
Operator : Bohlk
Acquired : 15 Apr 2002 8:45 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6590 3/20/02
Misc Info :
Vial Number: 14
Quant File :5080402BBC.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041502\6590.D Vial: 14
Acq On : 15 Apr 2002 8:45 pm Operator: Bohlk
Sample : SAMPLE 6590 3/20/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

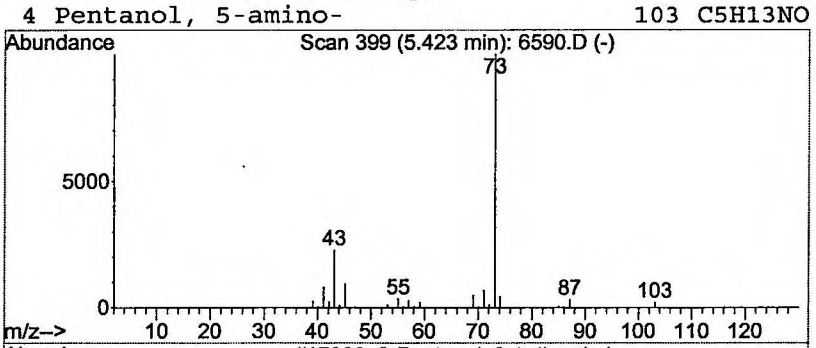
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

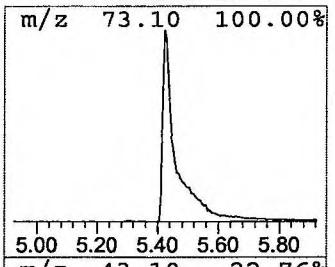
****

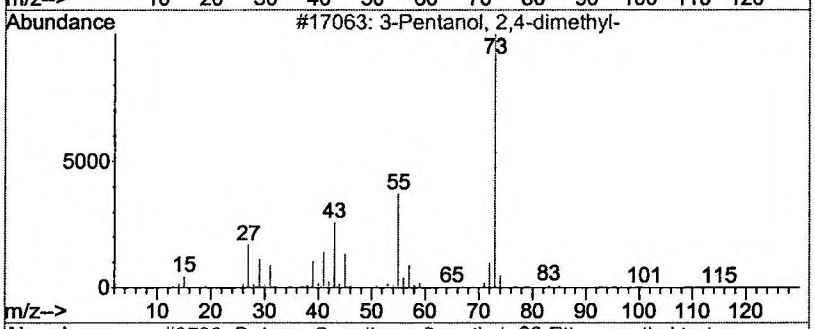
Peak Number 1 3-Pentanol, 2,4-dimethyl- Concentration Rank 1

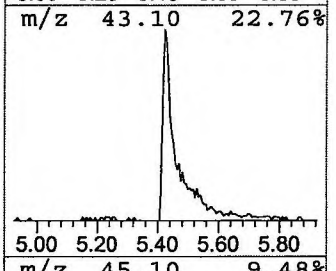
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	10.36 ug/L	765057	1,4-Dichlorobenzene-d4	9.41

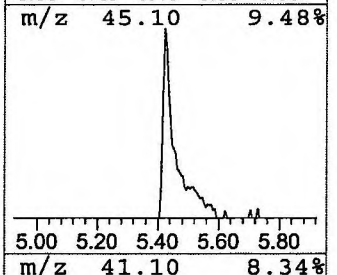
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
2	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	33
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
4	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9

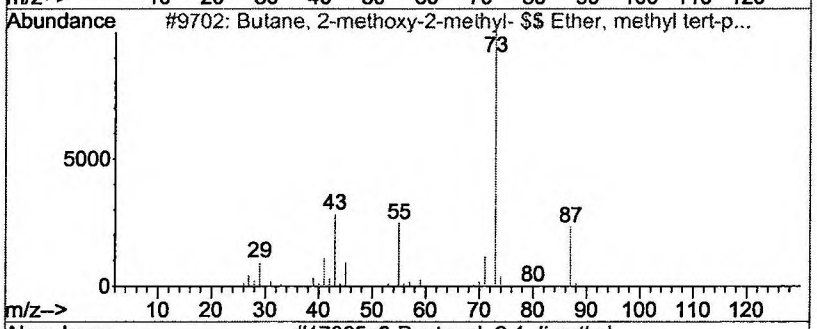


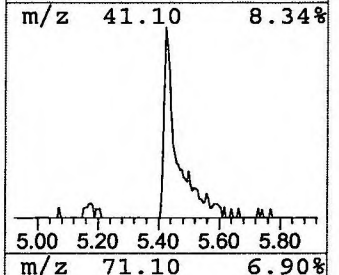


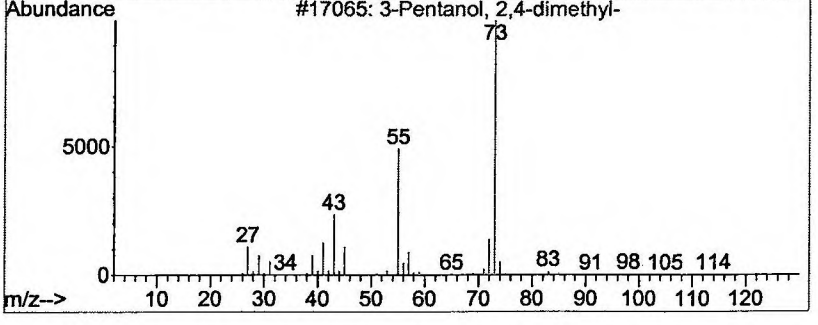


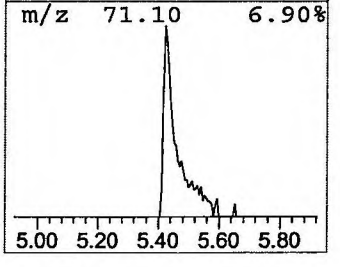












Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 15 Apr 2002 8:45 pm
Data File: C:\MSDCHEM\1\DATA\041502\6590.D
Name: SAMPLE 6590 3/20/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
3-Pentanol, 2,4-d...	5.42	10.4	ug/L	765057	1	9.41	2952770	40.0